

# EAST Search History (33pp.)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	(reflector reflecti\$2 adj layer) near6 ("back-side" "back") near6 substrate and @ad<"20021130" and GaN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:23
L4	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/09/22 16:35
L5	1	(US-20050001225-\$).did.	US-PGPUB	OR	ON	2007/09/22 17:01
L6	2	("20030052595").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 17:06
L7	3	light-emitting adj element near3 ("comprising" "comprises") near3 housing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 17:07
L8	0	light-emitting adj element near3 ("comprising" "comprises") near3 (potting adj compound sealant encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:08
L9	0	light-emitting adj element near4 ("comprising" "comprises") near4 (potting adj compound sealant encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:08
L10	1	(light adj emitting light-emitting) adj element near4 ("comprising" "comprises") near4 (potting adj compound sealant encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:09
L11	1	(light adj emitting light-emitting) adj element near4 ("comprising" "comprises") near8 (potting adj compound sealant encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:12
L12	14	(light adj emitting light-emitting) adj element near4 (comprising comprises include including) near8 (potting adj compound sealant encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:19
L13	61	(light adj emitting light-emitting) adj element near4 (comprising comprises include including) near8 (LED adj chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:20

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L14	59	(light adj emitting light-emitting) adj element near4 (comprising comprises include including) near4 (LED adj chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:33
L15	17693	(light adj emitting light-emitting) adj element.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:33
L16	326	(light adj emitting light-emitting) adj element.ti. and phosphor.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:34
L17	2	(light adj emitting light-emitting) adj element.ti. and (light adj emitting light-emitting) adj element near4 encapsulant.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:36
L18	0	(light adj emitting light-emitting) adj element.ti. and (reflector) adj element near4 encapsulant.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:36
L19	85	(light adj emitting light-emitting) adj element.ti. and (light-emitting light adj emitting) adj element near4 reflector.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:38
L20	8	(light adj emitting light-emitting) adj element.ti. and (light-emitting light adj emitting) adj element near4 reflector.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 17:41
L21	8	(light adj emitting light-emitting) adj element.ti. and (light-emitting light adj emitting) adj element near4 reflector.clm. and (light adj emitting light-emitting) adj element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 18:32
L22	25569	((257/79) or (257/8\$1) or (257/9\$1) or (257/10\$1) or (313/499) or (313/50\$1) or (252/301.4R) or (252/301.6F)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:33

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L23	0	22 and ((naoki near1 yoshimura).in. (suehiro near1 yoshinobu).in. (takahashi near1 yuji).in. (koichi near1 ota).in. (mamoru near1 mitomo).in. (tadashi near1 endo).in. (masakazu near1 komatsu).in.) and (silicon adj alumin\$1um adj oxi\$1nitride sialon).clm. and reflect\$3.clm. and phosphor.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:43
S1	3	"722563".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 13:17
S2	0	"722563.ap"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 19:58
S3	0	"722563.ap."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 19:58
S4	4	"722563".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:04
S5	3	"60-206889"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:06
S6	1	jp-60206889\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:12
S7	2	jp-2001214162\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:13
S8	2	jp-2002076434\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:18

## EAST Search History

S9	2	jp-2003124527\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:19
S10	2	jp-2003203504\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:29
S11	2	jp-2003206481\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:29
S12	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2005/02/05 20:31
S13	14	S5 S6 S7 S8 S9 S10 S11 S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:32
S14	1270	(257/98).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/05 20:42
S15	3797	sialon ".alpha.-sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:59
S16	2	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:43
S17	2	jp-2002363554\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/05 20:58
S18	5	(sialon ".alpha.-sialon") and (phosphor white) and (light-emitting light adj emitting)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:08
S19	0	".alpha.-sialon" and (phosphor white) and (light-emitting light adj emitting)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:07
S20	0	".alpha.-sialon"	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:07

## EAST Search History

S21	221	"alpha-sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:08
S22	13	"alpha-sialon" and (light adj emitting light-emitting) and (blue white) and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:12
S23	13	alpha-sialon and (light adj emitting light-emitting) and (blue white) and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:14
S24	0	".alpha.-sialon" and (light adj emitting light-emitting) and (blue white) and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 21:14
S25	2	"6670748".pn. and white	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:24
S26	1	"6670748".pn. and powder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:25
S27	1	"6670748".pn. and powder and (sialon silicon adj alumin\$um adj oxynitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:42
S28	0	wo-0139574\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:34
S29	7	((("6682663") or ("6649946") or ("2003024438")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:37
S30	3	(US-6682663-\$ or US-6649946-\$). did. or (EP-1104799-\$).did.	USPAT; DERWENT	OR	OFF	2005/02/06 09:36

## EAST Search History

S31	0	("7andsialon").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:37
S32	0	S30 and sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:37
S33	1	"6670748".pn. and powder and (sialon silicon adj alumin\$um adj oxynitride YO adj sialon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:44
S34	1	"6670748".pn. and powder and (sialon silicon adj alumin\$um adj oxynitride YO adj2 sialon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:44
S35	1	"6670748".pn. and powder and (sialon silicon adj alumin\$um adj oxynitride YO adj2 sialon YO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 09:45
S36	1	"6670748".pn. and powder and (sialon silicon adj alumin\$um adj oxynitride YO adj2 sialon YO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:16
S37	28	calcium near3 valence and trivalent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:02
S38	0	calcium near3 valence near10 trivalent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:17
S39	0	".alpha.-sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:03
S40	3799	\$8sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:03

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S41	3799	\$8"sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:04
S42	728	\$8"sialon" near4 \$8"sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:04
S43	542	\$8"sialon" near4 \$8"sialon".ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:04
S44	9	\$8"sialon" near4 \$8"sialon".ti,ab, clm. and wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:11
S45	5	a-sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 15:06
S46	0	".alpha.-sialon"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 14:16
S47	8	"408233".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 15:56
S48	1	"La.sub."\$4"Si.sub."\$3"N.sub. "\$4":Ce"\$2 and (phosphor luminescen\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 16:28
S49	7	temperature adj dependence near4 colo\$r and light adj emitting adj (device element diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 16:31
S50	7	temperature adj dependence near4 colo\$1r and light adj emitting adj (device element diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 16:31

## EAST Search History

S51	5	temperature adj dependence near4 colo\$1r and light adj emitting adj (device element diode) and (intermittent\$2 turning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:15
S52	0	electron adj beam near4 excitation and phosphor and light-emitting adj element and lanthanum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:16
S53	0	electron adj beam near4 excitation and light-emitting adj element and lanthanum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:17
S54	279	electron adj beam near4 excitation near10 phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:17
S55	53	electron adj beam near10 excitation near10 phosphor and (lanthanum La lanthanide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:18
S56	11	electron adj beam near10 excitation near10 phosphor and (lanthanum La lanthanide) near4 (cerium ce)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 17:29
S57	3931	((31/499) or (313/500) or (313/501) or (313/502) or (313/503) or (257/98) or (257/89) or (257/103)). CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/06 17:32
S58	4125	((313/499) or (313/500) or (313/501) or (313/502) or (313/503) or (257/98) or (257/89) or (257/103)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/17 21:07
S59	85	S58 and (\$8"sialon" silicon aluminum adj oxinitride) and (lanthanide lanthanum cerium) and (white adj light daylight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 17:34



# EAST Search History

S60	104	(US-20030030038-\$ or US-20030168643-\$ or US-20050001225-\$ or US-20040155225-\$ or US-20030094893-\$ or US-20030095406-\$ or US-20040222435-\$ or US-20040212295-\$ or US-20040164307-\$ or US-20040159849-\$ or US-20040159846-\$ or US-20040144987-\$ or US-20040124429-\$ or US-20040096696-\$ or US-20040095063-\$ or US-20040084687-\$ or US-20040032208-\$ or US-20040016908-\$ or US-20030230753-\$ or US-20030175553-\$ or US-20030132701-\$ or US-20030113949-\$ or US-20030102473-\$ or US-20030003300-\$ or US-20020185965-\$ or US-20020113244-\$).did. or (US-20020043926-\$ or US-20010028053-\$ or US-20010010449-\$ or US-20010001207-\$).did. or (US-6632379-\$ or US-6776927-\$ or US-6682663-\$ or US-6649946-\$ or US-5990026-\$ or US-6095661-\$ or US-6670748-\$ or US-6849869-\$ or US-6830834-\$ or US-6797413-\$ or US-6791259-\$ or US-6791116-\$ or US-6777724-\$ or US-6771019-\$ or US-6765237-\$ or US-6756731-\$ or US-6750609-\$ or US-6747406-\$ or US-6744071-\$ or US-6717355-\$ or US-6700322-\$ or US-6696703-\$ or US-6689492-\$ or US-6677059-\$ or US-6656608-\$ or US-6650044-\$). did. or (US-6645645-\$ or US-6642652-\$ or US-6639249-\$ or US-6635363-\$ or US-6630691-\$ or US-6614172-\$ or US-6608332-\$ or US-6576488-\$ or US-6563262-\$ or US-6541800-\$ or US-6538374-\$ or US-6515314-\$ or US-6501102-\$ or US-6472765-\$ or US-6469322-\$ or US-6429583-\$ or US-6419855-\$ or US-6319425-\$ or US-6271626-\$ or US-6245259-\$ or US-6180963-\$ or US-6180029-\$ or US-6153123-\$ or US-6091196-\$ or US-6072198-\$ or US-6066861-\$ or US-6043602-\$). did. or (US-5998925-\$ or US-5930825-\$ or US-5508050-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/02/06 17:40
9/22/07 6:43:39 PM C:\Documents and Settings\jmonahan\My Documents\EAST\Workspaces\10722563.wsp						
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## EAST Search History

S61	0	S60 and xie	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/06 17:40
S62	0	("722653.ap.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/16 08:37
S63	3	"722653".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/16 08:37
S64	3	"6670748"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 15:04
S65	0	"AB:C" near10 substitut\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 15:05
S66	5	"AB:C"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 15:06
S67	2	("6095661").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 15:19
S68	4638	((313/499) or (313/500) or (313/501) or (313/502) or (313/503) or (257/98) or (257/89) or (257/103)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/17 21:18
S69	21	S68 and (sialon ".alpha.-sialon")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 17:58
S70	19	S68 and (sialon ".alpha.-sialon") and @ad<"20031129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:18

## EAST Search History

S71	3	electron adj beam adj excitation near20 (phosphor luminescen\$2) and (cerium Ce) and (light-emitting light adj emitting).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:19
S72	3	electron adj beam adj excitation near20 (phosphor luminescen\$2) and (cerium Ce) and (light-emitting light adj emitting).ti,ab,clm. and (blue uv ultraviolet green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:38
S73	14	electron adj beam adj excitation near20 (phosphor luminescen\$2) and (light-emitting light adj emitting).ti,ab,clm. and (blue uv ultraviolet green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 19:09
S74	1	electron adj beam adj excitation near20 (phosphor luminescen\$2) and (light-emitting light adj emitting).ti,ab,clm. and (blue uv ultraviolet green) and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:39
S75	4	electron adj beam adj excitation near20 (phosphor luminescen\$2) and (blue uv ultraviolet green) and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:40
S76	3	electron adj beam near4 excitation near10 (phosphor luminescen\$2) and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:46
S77	448	(electron adj beam near4 phosphor).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 18:46
S78	5473	(electron adj beam near4 phosphor).clm. adn "257"/.\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 18:46
S79	2	("6632379").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 19:14
S80	1	"20030052595".PN.	US-PGPUB	OR	OFF	2005/07/17 19:12

## EAST Search History

S81	0	("phosphor.ti. andnationaladjinstituteadj2materiala djscience.as.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 19:14
S82	8	phosphor.ti. and national adj institute adj2 material adj science. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:04
S83	8	"408233".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:20
S84	1	mimoto.in. and electron adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:21
S85	13	mitomo.in. and electron adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:22
S86	0	national adj institute adj2 materials. as. and (phosphor fluorescen\$2) near20 electron adj beam.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:24
S87	1	national adj institute adj2 materials. as. and (light adj emitting phosphor fluorescen\$2) near20 (electron adj beam).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 20:24
S88	0	(252/301.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/17 21:08
S89	274	(252/301.6F).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/17 21:08
S90	0	S89 and (sialon ".alpha.-sialon")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 21:08
S91	39	S89 and (sialon ".alpha.-sialon" electron adj beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/17 21:08

## EAST Search History

S92	6072	((313/499) or (313/500) or (313/501) or (313/502) or (313/503) or (257/98) or (257/89) or (257/103) or (252/301.4R) or (252/301.6F)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/17 21:18
S93	3	S92 and (sialon ".alpha.-sialon" oxynitride near2 (fluorescen\$2 phosphor)) and (optoelectronic light-emitting light adj emitting) and stabilizing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 21:22
S94	24	S92 and (sialon ".alpha.-sialon" oxynitride near2 (fluorescen\$2 phosphor)) and (optoelectronic light-emitting light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 21:27
S95	243	S92 and (cerium ce) and electron adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 21:28
S96	48	S92 and (cerium ce) near4 (substitut\$3 doping doped) and electron adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 21:29
S97	17	S92 and (cerium ce) near4 (substitut\$3 doping doped) and electron adj beam near4 excit\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/17 21:29
S98	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2005/10/28 19:04
S99	1	(US-20050001225-\$).did. and weight	US-PGPUB	OR	OFF	2005/10/28 19:05
S100	6	"720035".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/28 19:54
S101	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2006/01/09 16:39
S102	1	S101 and ca adj site	US-PGPUB	OR	OFF	2006/01/09 17:34
S103	2	("6670748").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58

## EAST Search History

S10 4	672	257/89	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S10 5	1963	257/98	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S10 6	2326	257/103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S10 7	541	313/499	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S10 8	7164	313/50\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S10 9	991	252/301.4R	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S11 0	158	252/301.6F	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:58
S11 1	11486	S104 S105 S106 S107 S108 S109 S110	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 17:59
S11 2	344	S111 and electron adj beam same phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 18:00
S11 3	278	S111 and electron adj beam with phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 18:00

## EAST Search History

S11 4	47	S111 and electron adj beam with phosphor.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:19
S11 5	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2006/01/10 08:39
S11 6	1	S115 and electron adj beam	US-PGPUB	OR	OFF	2006/01/10 08:58
S11 7	73	(alpha adj sialon) near4 (beta adj sialon) and (calcium ca)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:59
S11 8	0	S115 and electron adj beam and "(Si,Al).sub."\$4	US-PGPUB	OR	OFF	2006/01/10 09:01
S11 9	1	S115 and electron adj beam and (calcium ca)	US-PGPUB	OR	ON	2006/01/10 09:27
S12 0	1	S115 and beta adj sialon	US-PGPUB	OR	ON	2006/01/10 09:28
S12 1	5	(alpha adj sialon) near4 (beta adj sialon) and (calcium ca) and electron adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:59
S12 2	8	lanthanum and cerium and silicon adj nitride and (electron adj beam with phosphor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:52
S12 3	1	lanthanum near20 cerium near20 (silicon adj nitride) and (electron adj beam with phosphor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:23
S12 4	9	lanthanum near20 cerium near20 (silicon adj nitride) and electron adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:24
S12 5	2	lanthanum near20 cerium near20 (silicon adj nitride) and electron adj beam and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:25

## EAST Search History

S12 7	1	"La.sub."\$4 near1 "si.sub.3"\$1 near1 "N.sub.5"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:27
S12 8	1	"20030141506".pn.	US-PGPUB	OR	ON	2006/01/10 11:06
S12 9	1	"Ce.sub."\$2 near3 "La.sub."\$4 near3 "si.sub.3"\$1 near3 "N.sub.5"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:13
S13 0	47	group adj2 nitride same blue same nm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:28
S13 1	13	group adj2 nitride same blue same nm and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:35
S13 2	1518	(pulsed intermittent) with ((light adj emitting) adj (diode element device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:37
S13 3	0	(pulsed intermittent) adj ((light adj emitting) adj (diode element device)) and GaN.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:37
S13 4	1	(pulsed intermittent) adj ((light adj emitting) adj (diode element device)) and (nitride GaN).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:38
S13 5	14	pulsed with (white near4 ((light adj emitting) adj (diode element device)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 16:54
S13 6	3	pulsed with (white near4 ((light adj emitting) adj (diode element device))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 17:25



## EAST Search History

S13 7	8063	((257/89) or (257/98) or (257/103) or (313/499) or (313/500) or (313/501) or (313/502) or (313/503) or (252/301.4r) or (252/301.6f)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/10 17:27
S13 8	0	S132 and loght adj emitting.ti,ab, clm. and phosphor.ti,ab,clm. and (rare adj earth lanthanide).ti,ab,clm. and (alpha adj sialon) and (beta adj sialon).ti,ab,clm. and (calcium ca).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 17:30
S13 9	1	S132 and light adj emitting.ti,ab, clm. and phosphor.ti,ab,clm. and (rare adj earth lanthanide).ti,ab,clm. and (alpha adj sialon) and (beta adj sialon).ti,ab,clm. and (calcium ca).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 17:30
S14 0	1	S132 and (laser light adj emitting). ti,ab,clm. and phosphor.ti,ab,clm. and (rare adj earth lanthanide).ti, ab,clm. and (alpha adj sialon) and (beta adj sialon).ti,ab,clm. and (calcium ca).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 17:32
S14 1	1	S132 and (laser light adj emitting). ti,ab,clm. and phosphor.ti,ab,clm. and (rare adj earth lanthanide la lanthanum pr praseodymium pr neodymium samarium sm europium eu gadolinium gd terbium tb dysprosium dy holmium ho erbium er tm ytterbium yb luthetium lutecium lu).ti,ab,clm. and (alpha adj sialon) and (beta adj sialon).ti, ab,clm. and (calcium ca).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 17:37

## EAST Search History

S14 2	112	(US-20010001207-\$ or US-20010010449-\$ or US-20010028053-\$ or US-20020043926-\$ or US-20020067119-\$ or US-20020113244-\$ or US-20020185965-\$ or US-20030003300-\$ or US-20030030038-\$ or US-20030052595-\$ or US-20030094893-\$ or US-20030095406-\$ or US-20030102473-\$ or US-20030113949-\$ or US-20030132701-\$ or US-20030141506-\$ or US-20030168643-\$ or US-20030175553-\$ or US-20030230753-\$ or US-20040016908-\$ or US-20040032208-\$ or US-20040084687-\$ or US-20040095063-\$ or US-20040096696-\$ or US-20040109302-\$ or US-20040124429-\$).did. or (US-20040144987-\$ or US-20040155225-\$ or US-20040159846-\$ or US-20040159849-\$ or US-20040164307-\$ or US-20040212295-\$ or US-20040222435-\$ or US-20050001225-\$).did. or (US-4176294-\$ or US-5289171-\$ or US-5598059-\$ or US-5939825-\$ or US-5990026-\$ or US-5998925-\$ or US-6043602-\$ or US-6066861-\$ or US-6072198-\$ or US-6091196-\$ or US-6095661-\$ or US-6153123-\$ or US-6180029-\$ or US-6180963-\$ or US-6245259-\$ or US-6271626-\$ or US-6319425-\$ or US-6419855-\$ or US-6429583-\$ or US-6469322-\$ or US-6472765-\$ or US-6501102-\$ or US-6515314-\$ or US-6538374-\$ or US-6541800-\$ or US-6563262-\$). did. or (US-6576488-\$ or US-6608332-\$ or US-6614172-\$ or US-6630691-\$ or US-6632379-\$ or US-6635363-\$ or US-6639249-\$ or US-6642652-\$ or US-6645645-\$ or US-6649946-\$ or US-6650044-\$ or US-6656608-\$ or US-6670748-\$ or US-6674233-\$ or US-6677059-\$ or US-6682663-\$ or US-6689492-\$ or US-6696703-\$ or US-6700322-\$ or US-6717346-\$ or US-6717353-\$ or US-6717355-\$ or US-6744071-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/11 08:12
9/22/07 6:43:39 PM	C:\Documents and Settings\jmond\My Documents\EAST\Workspaces\10722563.wsp					Page 18

## EAST Search History

S14 3	6	S142 and material\$1 adj science.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 08:13
S14 4	6	S142 and material\$1 adj science.as. and (ce cerium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 15:18
S14 5	5	S142 and material\$1 adj science.as. and (ce cerium) and (ca calcium) and sialon and silicon adj nitride and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 08:19
S14 6	5	S142 and material\$1 adj science.as. and (ce cerium) and (ca calcium) and ((alpha adj sialon) same (beta adj sialon)) and silicon adj nitride and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 09:19
S14 7	2	jp-2001171831\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 09:20
S14 8	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2006/01/11 16:14
S14 9	1	(US-20050001225-\$).did. and matrix	US-PGPUB	OR	ON	2006/01/11 16:14
S15 0	1	jp-60206889\$-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 08:17
S15 1	0	phase adj transition same sialon same alpha same beta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 08:18
S15 2	8	phase adj transition same sialon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 08:57

# EAST Search History

S15 3	115	(US-20010001207-\$ or US-20010010449-\$ or US-20010028053-\$ or US-20020043926-\$ or US-20020067119-\$ or US-20020113244-\$ or US-20020185965-\$ or US-20030003300-\$ or US-20030030038-\$ or US-20030052595-\$ or US-20030094893-\$ or US-20030095406-\$ or US-20030102473-\$ or US-20030113949-\$ or US-20030132701-\$ or US-20030141506-\$ or US-20030168643-\$ or US-20030175553-\$ or US-20030230753-\$ or US-20040016908-\$ or US-20040032208-\$ or US-20040084687-\$ or US-20040095063-\$ or US-20040096696-\$ or US-20040109302-\$ or US-20040124429-\$).did. or (US-20040144987-\$ or US-20040155225-\$ or US-20040159846-\$ or US-20040159849-\$ or US-20040164307-\$ or US-20040212295-\$ or US-20040222435-\$ or US-20050001225-\$ or US-20020045529-\$).did. or (US-4176294-\$ or US-5289171-\$ or US-5598059-\$ or US-5939825-\$ or US-5990026-\$ or US-5998925-\$ or US-6043602-\$ or US-6066861-\$ or US-6072198-\$ or US-6091196-\$ or US-6095661-\$ or US-6153123-\$ or US-6180029-\$ or US-6180963-\$ or US-6245259-\$ or US-6271626-\$ or US-6319425-\$ or US-6419855-\$ or US-6429583-\$ or US-6469322-\$ or US-6472765-\$ or US-6501102-\$ or US-6515314-\$ or US-6538374-\$ or US-6541800-\$ or US-6563262-\$). did. or (US-6576488-\$ or US-6608332-\$ or US-6614172-\$ or US-6630691-\$ or US-6632379-\$ or US-6635363-\$ or US-6639249-\$ or US-6642652-\$ or US-6645645-\$ or US-6649946-\$ or US-6650044-\$ or US-6656608-\$ or US-6670748-\$ or US-6674233-\$ or US-6677059-\$ or US-6682663-\$ or US-6689492-\$ or US-6696703-\$ or US-6700322-\$ or US-6717346-\$ or US-6717353-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/12 08:57
9/22/07 6:43:39 PM C:\Documents and Settings\monor\My Documents\EAST\Workspaces\10722563.wsp					Page 20	

## EAST Search History

S15 4	7	S153	JPO	OR	OFF	2006/01/12 08:57
S15 5	2	alpha adj sialon and light-emitting adj (diode element device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 09:05
S15 6	28	sialon and light-emitting adj (diode element device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 09:05

## EAST Search History

S15 7	115	(US-20010001207-\$ or US-20010010449-\$ or US-20010028053-\$ or US-20020043926-\$ or US-20020045529-\$ or US-20020067119-\$ or US-20020113244-\$ or US-20020185965-\$ or US-20030003300-\$ or US-20030030038-\$ or US-20030052595-\$ or US-20030094893-\$ or US-20030095406-\$ or US-20030102473-\$ or US-20030113949-\$ or US-20030132701-\$ or US-20030141506-\$ or US-20030168643-\$ or US-20030175553-\$ or US-20030230753-\$ or US-20040016908-\$ or US-20040032208-\$ or US-20040084687-\$ or US-20040095063-\$ or US-20040096696-\$ or US-20040109302-\$).did. or (US-20040124429-\$ or US-20040144987-\$ or US-20040155225-\$ or US-20040159846-\$ or US-20040159849-\$ or US-20040164307-\$ or US-20040212295-\$ or US-20040222435-\$ or US-20050001225-\$).did. or (US-4176294-\$ or US-5289171-\$ or US-5598059-\$ or US-5939825-\$ or US-5990026-\$ or US-5998925-\$ or US-6043602-\$ or US-6066861-\$ or US-6072198-\$ or US-6091196-\$ or US-6095661-\$ or US-6153123-\$ or US-6180029-\$ or US-6180963-\$ or US-6245259-\$ or US-6271626-\$ or US-6319425-\$ or US-6419855-\$ or US-6429583-\$ or US-6469322-\$ or US-6472765-\$ or US-6501102-\$ or US-6515314-\$ or US-6538374-\$ or US-6541800-\$ or US-6563262-\$). did. or (US-6576488-\$ or US-6589899-\$ or US-6608332-\$ or US-6614172-\$ or US-6630691-\$ or US-6632379-\$ or US-6635363-\$ or US-6639249-\$ or US-6642652-\$ or US-6645645-\$ or US-6649946-\$ or US-6650044-\$ or US-6656608-\$ or US-6670748-\$ or US-6674233-\$ or US-6677059-\$ or US-6682663-\$ or US-6689492-\$ or US-6696703-\$ or US-6700377-\$ or US-6717346-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/12 11:24
9/22/07 6:43:39 PM	C:\Documents and Settings\mondm\My Documents\EAST\Workspaces\10722563.wsp					Page 22

## EAST Search History

S15 8	10	S157 and ellens.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 11:25
S15 9	9	sialon and ellens.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 11:45
S16 0	2	("20030030368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 11:27
S16 1	1400	matrix adj material.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 11:45
S16 2	4	matrix adj material.ti. and sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 11:46
S16 3	9	matrix adj material.ti. and phosphor and light-emitting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 11:55
S16 4	2	("5998925").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 16:02
S16 5	3	("6617353").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 16:02
S16 6	2	("5617353").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 16:03
S16 7	3	("6717353").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 16:46

## EAST Search History

S16 8	2	jp-04021570\$-\$\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 16:47
S16 9	4	"722563".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:02
S17 0	0	sialon and phase and ".alpha."\$6 and "beta."\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 18:11
S17 1	0	sialon and ".alpha."\$6 and "beta."\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 18:11
S17 2	157	sialon and beta adj sialon and alpha adj sialon and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 18:11
S17 3	2	("20050020432").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:30
S17 4	2	("6632379").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:39
S17 5	1	jp-60206889\$-\$\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:39
S17 6	5	("2003005295").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:06
S17 7	2	("20030052595").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:34



## EAST Search History

S17 8	2	jp-04021570\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:03
S17 9	4	"650513".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:03
S18 0	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/01/21 16:46
S18 1	117205	(US-20050001225-\$)".did.and" (reflector mirror)	US-PGPUB	OR	OFF	2007/01/21 16:47
S18 2	1	S180 and (reflector mirror)	US-PGPUB	OR	OFF	2007/01/21 17:01
S18 3	2	("6632379").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 17:27
S18 4	1	S183 and (reflect\$3 mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 17:01
S18 5	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/01/21 17:05
S18 6	13528	((257/79) or (257/8\$1) or (257/9\$1) or (257/100) or (257/101) or (257/102) or (257/103)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 17:25
S18 7	155	S186 and wavelength near4 ("360" "400" "450" "500" "550") and phosphor and (reflector reflecting adj (surface layer) mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 16:00
S18 8	61	light adj emitting adj method.ti,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 17:36
S18 9	61	light adj emitting adj method.ti,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 17:37

## EAST Search History

S19 0	11	light adj emitting adj method.ti,clm.	USPAT	OR	ON	2007/01/21 17:40
S19 1	0	light adj emitting adj method.ti,clm. and pulsating	USPAT	OR	ON	2007/01/21 17:45
S19 2	453	method near2 lighting.clm.	USPAT	OR	ON	2007/01/21 17:50
S19 3	76953	(362/\$7.ccls. andlight-emittingadj(devicediode)). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 17:51
S19 4	2694	"362"/\$7.ccls. and light-emitting adj (device diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 17:51
S19 5	258	"362"/\$7.ccls. and light-emitting adj (device diode) and phosphor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 17:52
S19 6	110	"362"/\$7.ccls. and light-emitting adj (device diode) and phosphor	USPAT	OR	ON	2007/01/21 17:52
S19 7	1	"362"/\$7.ccls. and light-emitting adj (device diode) and phosphor and method near2 lighting.clm.	USPAT	OR	ON	2007/01/21 17:52
S19 8	2	"6632379".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 18:13
S19 9	2	"20030052595".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 18:14
S20 0	1	S199 and (mirror reflect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 18:14

# EAST Search History

S20 1	117	(US-20010001207-\$ or US-20040144987-\$ or US-20040124429-\$ or US-20040222435-\$ or US-20030095406-\$ or US-20040212295-\$ or US-20040159849-\$ or US-20040159846-\$ or US-20040096696-\$ or US-20040095063-\$ or US-20040032208-\$ or US-20040016908-\$ or US-20030175553-\$ or US-20030132701-\$ or US-20020113244-\$ or US-20010028053-\$ or US-20030113949-\$ or US-20030030368-\$ or US-20050001225-\$ or US-20030030038-\$ or US-20030102473-\$ or US-20030052595-\$ or US-20030094893-\$ or US-20030003300-\$ or US-20020185965-\$ or US-20040155225-\$).did. or (US-20030168643-\$ or US-20040164307-\$ or US-20040084687-\$ or US-20030230753-\$ or US-20010010449-\$ or US-20020067119-\$ or US-20030141506-\$ or US-20040109302-\$ or US-20020045529-\$ or US-20020043926-\$).did. or (US-6649946-\$ or US-5990026-\$ or US-6830834-\$ or US-6797413-\$ or US-6501102-\$ or US-6632379-\$ or US-6791116-\$ or US-6095661-\$ or US-6700322-\$ or US-6670748-\$ or US-6608332-\$ or US-6674233-\$ or US-6717355-\$ or US-6765237-\$ or US-6776927-\$ or US-6469322-\$ or US-6682663-\$ or US-6791259-\$ or US-6657379-\$ or US-6849869-\$ or US-6750609-\$ or US-6747406-\$ or US-6696703-\$ or US-6689492-\$ or US-6656608-\$ or US-6650044-\$). did. or (US-6642652-\$ or US-6639249-\$ or US-6630691-\$ or US-6614172-\$ or US-6153123-\$ or US-6091196-\$ or US-6072198-\$ or US-6066861-\$ or US-6043602-\$ or US-5939825-\$ or US-5598059-\$ or US-5289171-\$ or US-4176294-\$ or US-6472765-\$ or US-6319425-\$ or US-6180963-\$ or US-6576488-\$ or US-6541800-\$ or US-6538374-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/04/05 18:15
9/22/07 6:43:39 PM C:\Documents and Settings\monday\My Documents\EAST\Workspaces\10722563.wsp					Page 27	

## EAST Search History

S20 2	0	S201 and (reflect\$3 mirror) near4 below near4 directly near4 (active light-emitting light\$1emitting)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/05 18:16
S20 3	0	S201 and (reflect\$3 mirror) near4 underneath near4 (active light-emitting light\$1emitting)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/05 18:16
S20 4	8	S201 and (reflect\$3 mirror) near4 (active light-emitting light\$1emitting)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/05 18:16
S20 5	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/04/06 10:45
S20 6	0	(US-20050001225-\$).did. and "weight%"	US-PGPUB	OR	OFF	2007/04/06 10:45
S20 7	1	(US-20050001225-\$).did. and "weight"\$1	US-PGPUB	OR	OFF	2007/04/06 10:46
S20 8	1783	wavelength near4 ("360" "400" "450" "500" "550") and phosphor and (reflector reflecting adj (surface layer) mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 16:01
S20 9	2	"20030052595".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 17:27
S21 0	2	"6632379".pn. and (weight \$3sialon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:33
S21 1	2	jp-04021570\$-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:51
S21 2	132	engine adj part and sialon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:52

## EAST Search History

S21 3	590	(engine adj part heat adj resist\$3) and sialon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:53
S21 4	121	(engine adj part heat adj resist\$3) and sialon and raw adj material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:53
S21 5	14	(engine adj part heat adj resist\$3) and sialon near6 (raw adj material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:58
S21 6	0	phosphor and sialon near6 (raw adj material) and (alpha near1 sialon) and (beta near1 sialon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 14:59
S21 7	19	phosphor and (alpha near1 sialon) and (beta near1 sialon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:02
S21 8	6	phosphor and (alpha near1 sialon) and (beta near1 sialon) and @ad<"20031129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:09
S21 9	9	unreacted near3 (silicon adj nitride) and ((alpha near1 sialon) (beta near1 sialon)) and @ad<"20031129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:17
S22 0	8	unreacted near3 (silicon adj nitride) and (beta near1 sialon) and @ad<"20031129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:17

## EAST Search History

S22 1	120	unreacted near3 ("Si.sub.3"\$1 near1 "N.sub.4"\$1) (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:30
S22 2	16	unreacted near3 ("Si.sub.3"\$1 near1 "N.sub.4"\$1) (silicon adj nitride)) and (alpha beta) near1 sialon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:31
S22 3	9	unreacted near3 ("Si.sub.3"\$1 near1 "N.sub.4"\$1) (silicon adj nitride)) and (alpha beta) near1 sialon and @ad<"20031129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:32
S22 4	7	unreacted near3 ("Si.sub.3"\$1 near1 "N.sub.4"\$1) (silicon adj nitride)) and (alpha beta) near1 sialon and @ad<"20031129" and phosphor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/07 15:32
S22 5	62	sialon and reaction and (alpha beta) and un\$1reacted	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:51
S22 6	61	S225 not toyoda.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:52
S22 7	49	(S225 not toyoda.as.) and @ad<"20031129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:53
S22 8	27	(S225 not toyoda.as.) and @ad<"20031129" and (alpha adj sialon beta adj sialon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:55
S22 9	0	(S225 not toyoda.as.) and @ad<"20031129" and (alpha adj sialon beta adj sialon) and un\$1reacted near2 sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:56

## EAST Search History

S23 0	4	(not toyoda.as.) and @ad<"20031129" and (alpha adj sialon beta adj sialon) and un\$1reacted near2 sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 08:58
S23 1	9	@ad<"20031129" and (alpha adj sialon beta adj sialon) and un\$1reacted near2 (silicon adj nitride ("Si.sub."\$1 near1 "N.sub. "\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 09:10
S23 2	0	silicon adj nitride adj alumina and alpha adj sialon and un-\$1reacted near3 (silicon adj nitride ("Si.sub."\$1 near1 "N.sub."\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 09:12
S23 3	1255	silicon adj nitride adj alumina	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 09:12
S23 4	12	silicon adj nitride adj alumina and alpha adj sialon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 09:16
S23 5	2	("5413972").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:49
S23 6	1	S235 and sinter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:49
S23 7	1	S235 and sinter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 09:49
S23 8	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/04/10 09:52
S23 9	1	(US-20050001225-\$).did. and pressure near3 sinter\$3	US-PGPUB	OR	ON	2007/04/10 10:10
S24 0	1	"20030052595"	US-PGPUB	OR	ON	2007/04/10 14:58
S24 1	0	S240 and sinter\$3	US-PGPUB	OR	ON	2007/04/10 10:10

## EAST Search History

S24 2	2	jp-04021570\$-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 10:40
S24 3	2	("6632379").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 10:40
S24 4	2	S243 and un\$1reacted	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 11:51
S24 5	0	"6717353".pn. and reflect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 11:51
S24 6	3	"6717353".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 11:51
S24 7	41	mitomo.in. and sialon	US-PGPUB; JPO; DERWENT	OR	ON	2007/04/10 15:05
S24 8	2	("6632379").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 15:13
S24 9	3	("6717353").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 15:13
S25 0	0	((institute near1 materials near1 science).as. (toyoda near1 gosei).as. (mitomo near1 mamoru).in. (tadashi near1 endo).in. (masakazu near1 komatsu).in. (yoshinobu near1 suehiro).in. (yuji near1 takahashi).in. (koichi near1 ota).in.) and (reflect\$3 mirror).clm. and (lanthanide rare\$1earth).clm. and ((alpha beta) near3 sialon).clm. and weight\$2.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:15



## EAST Search History

S25 1	17966	((257/79) or (257/8\$1) or (257/9\$1) or (257/100) or (257/101) or (257/102) or (257/103) or (313/499) or (313/500) or (313/501) or (313/502) or (313/503) or (252/301.4R) or (252/301.6F)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 16:16
S25 2	8	S251 and phosphor.ti,ab,clm. and sialon.ti,ab,clm. and "alpha" and "beta"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 17:00
S25 3	2	"6632379".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 17:00
S25 4	1	"6632379".pn. and wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 08:26
S25 5	1	(US-20050001225-\$).did.	US-PGPUB	OR	OFF	2007/04/11 17:05
S25 6	2	"6632379".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 11:33
S25 7	2	("20030052595").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 11:33
S25 8	154	(reflector reflecti\$2 adj layer) near6 "between" near6 (active adj layer light-emitting adj layer light adj emitting adj layer) near6 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 11:43
S25 9	80	(reflector reflecti\$2 adj layer) near6 "between" near6 (active adj layer light-emitting adj layer light adj emitting adj layer) near6 substrate and @ad<"20021130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 11:46
S26 0	17	(reflector reflecti\$2 adj layer) near6 "between" near6 (active adj layer light-emitting adj layer light adj emitting adj layer) near6 substrate and @ad<"20021130" and GaN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 14:58